MAY 1 4 2001 CO

SEQUENCE LISTING

<110> Dikstein, Rivka Yamit-Hezi, Ayala

<120> A TRANSCRIPTION FACTOR TFIID SUBUNIT, TAFII105, POLYPEPTIDES, DNA ENCODING THEREFOR AND PHARMACEUTICAL COMPOSITIONS

<130> 13005/002001 <140> 09/763,909 <141> 2001-02-26 <160> 6 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 2558 <212> DNA <213> Homo sapiens

<400> 1

gggaccetgg tgaccaaagt ggctccggtc agcgccctc ctaaagtcag cagcggccct 60 aggetgeetg etecteagat agtegeegtg aaageeecca acaccaegae aatecagttt 120 cctgctaatt tgcagcttcc tccaggaacc gttttgatta aaagtaacag tggtccgttg 180 atgttggtat ctcctcagca aactgtaaca agagccgaga ccacaagtaa cataacctca 240 aggecageag taccagegaa teeteaaaca gteaaaatet gtacagtgee gaactetage 300 tcacaattaa tcaagaaagt ggcagtgaca cctgttaaaa aattggcaca aataggaact 360 actgtggtaa ccactgttcc gaagecttcc tcagtacaat ctgtggctgt gccaaccagt 420 rgtcgtcaca gttactcctg gaaagccatt gaatactgta actaccctga agccttcaag 480 tttgggagca tcatccactc cttcaaatga gcccaatctt aaagcagaga actcagcagc 540 tgttcagatt aatctttctc cgacaatgct agaaaatgtg aagaaatgca agaacttcct 600 tgcaatgtta ataaaactag catgtagtgg atcacagtcc cctgaaatgg ggcaaaatgt 660 gaaqaaqctq qtqqaacaac ttttggatgc aaaaatcgaa gcagaagaat ttactaggaa 720 actgtatqtt qaactcaagt cttcacctca gcctcacctg gttccttttc ttaagaaaag 780 cqtqqttqcc ttacqacaac ttctqcctaa ctcccaqaqc ttcatccaqc aatgtgttca 840 gcagacttct agtgacatgg tcattgctac ctgtactaca acagtaacaa cttctcctgt 900 ggtgacaact acagtgtcct caagccagtc tgaaaagtca attattgttt ctggagcaac 960 agcacccaga actgtgtcag tgcaaacttt gaacccactt gctggtccag tgggagcaaa 1020 agctggagtt gtgacacttc attctgtggg cccaactgct gcaacaggag gaacaacagc 1080 tggaactggt ttgcttcaga cttcaaaacc acttgtgaca tctgtggcaa acacagtgac 1140 cacggtctca ctgcaacctg aaaagccagt tgtctctgga acagcagtaa cactgtccct 1200 tccagcagta acttttggag aaacttcagg tgcagctatt tgtcttccat ctgtgaaacc 1260 tqttqtttcc ttctqctqqq accacatctq caagcctqtt attqqqactc caqttcaaat 1320 caaacttqcc caqccggqcc ctgtcctttc acaaccagct gggattccaa caggcagttc 1380 aagcaagcaa ctattctcat tgtttcacgt agttcagcag ccttcaggag gcaatgaaaa 1440 acaaqtqacc acaatttcac attcctcaac attqaccatt caqaaatqtq qacaqaaqac 1500 gatgccagtg aacaccataa tacctactag tcagtttcct ccagcttcca ttctaaagca 1560 aattacctct gcctggaaat aaaattctgt cacttcaagc atctcctact cagaaaaata 1620 gaataaaaga gaatgtaaca tcatgcttcc gagatgagga tgacatcaat gatgtgactt 1680 ctatggcagg ggtcaacctt aatgaagaaa atgcctgcat cttagcaaca aactctgaat 1740 tggttggcac actcattcag tcatgtaaag atgaaccatt tctttttatt ggagctctac 1800 aaaagagaat cttagacatt ggtaaaaagc atgacattac agaacttaac tctgatgctg 1860 tgaacttgat ctcccaagca acacaggaac gactacgagg ccttctagaa aaactgactg 1920 caattgctca gcatcgaatg actacttaca aggcaagtga aaattacatc ctgtgtagtg 1980 ataccaggtc acagctcaaa tttcttgaaa agctggatca attggagaag cagagaaagg 2040 atttggaaga aagagaaatg ttacttaagg cagccaagag tcgttctaat aaagaagatc 2100 cagaacagct gagattaaag cagaaagcca aagagttaca gcaattggaa cttgcacaga 2160 tacagcatag agacgctaat ctcacagctc ttgcagctat tggaccaagg aagaagagac 2220 cactagaatc tggaattgag ggcttaaaag acaaccttct tgcttctggg acatccagcc 2280 tgacagccac caaacagttg catcgtccaa gaatcacgag aatctgcctc agggacttga 2340 tattttgtat ggaacaggaa cgggagatga agtattctcg agctctatac ctggcccttc 2400 tgaagtgacc actccactct tccatccaca tccttgctat ttactgccaa agaagacaca 2460 aagcattgtt gcactgtcct gaaatttcaa tttctggaaa ataacaccaa catgaaagag 2520 cattgtttac gattagaact ttattaactc ttacctat 2558

<210> 2 <211> 852 <212> PRT

<213> Homo sapiens

<400> 2 Gly Thr Leu Val Thr Lys Val Ala Pro Val Ser Ala Pro Pro Lys Val 10 Ser Ser Gly Pro Arg Leu Pro Ala Pro Gln Ile Val Ala Val Lys Ala 25 Pro Asn Thr Thr Ile Gln Phe Pro Ala Asn Leu Gln Leu Pro Pro 40 Gly Thr Val Leu Ile Lys Ser Asn Ser Gly Pro Leu Met Leu Val Ser 55 Pro Gln Gln Thr Val Thr Arg Ala Glu Thr Thr Ser Asn Ile Thr Ser 70 75 Arg Pro Ala Val Pro Ala Asn Pro Gln Thr Val Lys Ile Cys Thr Val 85 90 Pro Asn Ser Ser Gln Leu Ile Lys Lys Val Ala Val Thr Pro Val 105 Lys Lys Leu Ala Gln Ile Gly Thr Thr Val Val Thr Thr Val Pro Lys 120 125 Pro Ser Ser Val Gln Ser Val Ala Val Pro Thr Ser Val Val Thr Val 135 140 Thr Pro Gly Lys Pro Leu Asn Thr Val Thr Thr Leu Lys Pro Ser Ser 150 155 Leu Gly Ala Ser Ser Thr Pro Ser Asn Glu Pro Asn Leu Lys Ala Glu 165 170 Asn Ser Ala Ala Val Gln Ile Asn Leu Ser Pro Thr Met Leu Glu Asn 185 190 Val Lys Lys Cys Lys Asn Phe Leu Ala Met Leu Ile Lys Leu Ala Cys 200 Ser Gly Ser Gln Ser Pro Glu Met Gly Gln Asn Val Lys Lys Leu Val 215 220 Glu Gln Leu Leu Asp Ala Lys Ile Glu Ala Glu Glu Phe Thr Arg Lys 230 235 Leu Tyr Val Glu Leu Lys Ser Ser Pro Gln Pro His Leu Val Pro Phe 250 Leu Lys Lys Ser Val Val Ala Leu Arg Gln Leu Leu Pro Asn Ser Gln 265 Ser Phe Ile Gln Gln Cys Val Gln Gln Thr Ser Ser Asp Met Val Ile 280 285 Ala Thr Cys Thr Thr Thr Val Thr Thr Ser Pro Val Val Thr Thr Thr 295 300 Val Ser Ser Ser Gln Ser Glu Lys Ser Ile Ile Val Ser Gly Ala Thr 310 315 Ala Pro Arg Thr Val Ser Val Gln Thr Leu Asn Pro Leu Ala Gly Pro

330

Val Gly Ala Lys Ala Gly Val Val Thr Leu His Ser Val Gly Pro Thr 340 345 350

Ala Ala Thr Gly Gly Thr Thr Ala Gly Thr Gly Leu Leu Gln Thr Ser 355 360 365

325

Lys Pro Leu Val Thr Ser Val Ala Asn Thr Val Thr Thr Val Ser Leu 375 Gln Pro Glu Lys Pro Val Val Ser Gly Thr Ala Val Thr Leu Ser Leu 390 395 Pro Ala Val Thr Phe Gly Glu Thr Ser Gly Ala Ala Ile Cys Leu Pro 405 410 Ser Val Lys Pro Val Val Ser Phe Cys Trp Asp His Ile Cys Lys Pro 425 420 Val Ile Gly Thr Pro Val Gln Ile Lys Leu Ala Gln Pro Gly Pro Val 440 Leu Ser Gln Pro Ala Gly Ile Pro Thr Gly Ser Ser Lys Gln Leu 455 460 Phe Ser Leu Phe His Val Val Gln Gln Pro Ser Gly Gly Asn Glu Lys 475 470 Gln Val Thr Thr Ile Ser His Ser Ser Thr Leu Thr Ile Gln Lys Cys 485 490 Gly Gln Lys Thr Met Pro Val Asn Thr Ile Ile Pro Thr Ser Gln Phe 500 505 Pro Pro Ala Ser Ile Leu Lys Gln Ile Thr Leu Pro Gly Asn Lys Ile 520 Leu Ser Leu Gln Ala Ser Pro Thr Gln Lys Asn Arg Ile Lys Glu Asn 540 535 Val Thr Ser Cys Phe Arg Asp Glu Asp Asp Ile Asn Asp Val Thr Ser 550 555 Met Ala Gly Val Asn Leu Asn Glu Glu Asn Ala Cys Ile Leu Ala Thr 570 Asn Ser Glu Leu Val Gly Thr Leu Ile Gln Ser Cys Lys Asp Glu Pro 585 Phe Leu Phe Ile Gly Ala Leu Gln Lys Arg Ile Leu Asp Ile Gly Lys 600 Lys His Asp Ile Thr Glu Leu Asn Ser Asp Ala Val Asn Leu Ile Ser 615 Gln Ala Thr Gln Glu Arg Leu Arg Gly Leu Leu Glu Lys Leu Thr Ala 630 635 Ile Ala Gln His Arg Met Thr Thr Tyr Lys Ala Ser Glu Asn Tyr Ile 650 Leu Cys Ser Asp Thr Arg Ser Gln Leu Lys Phe Leu Glu Lys Leu Asp 665 Gln Leu Glu Lys Gln Arg Lys Asp Leu Glu Glu Arg Glu Met Leu Leu 680 Lys Ala Ala Lys Ser Arg Ser Asn Lys Glu Asp Pro Glu Gln Leu Arg 695 Leu Lys Gln Lys Ala Lys Glu Leu Gln Gln Leu Glu Leu Ala Gln Ile 710 715 Gln His Arg Asp Ala Asn Leu Thr Ala Thr Ala Ala Ile Gly Pro Arg 725 730 Lys Lys Arg Pro Leu Glu Ser Gly Ile Glu Gly Leu Lys Asp Asn Leu 745 Leu Ala Ser Gly Thr Ser Ser Leu Thr Ala Thr Lys Gln Leu His Arg 760 Pro Arg Ile Thr Arg Ile Cys Leu Arg Asp Leu Ile Phe Cys Met Glu 775 Gln Glu Arg Glu Met Lys Tyr Ser Arg Ala Leu Tyr Leu Ala Leu Leu 790 795 Lys Glx Pro Leu His Ser Ser Ile His Ile Leu Ala Ile Tyr Cys Gln 805 810 Arg Arg His Lys Ala Leu Leu His Cys Pro Glu Ile Ser Ile Ser Gly 825 Lys Glx His Gln His Glu Arg Ala Leu Phe Thr Ile Arg Thr Leu Leu 840 835 Thr Leu Thr Tyr

<210> 3 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> NFkB Oligonucleotide	
<400> 3 agcttaggga ctttccgagg ggactttccg	30
<210> 4 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> NFkB Oligonucleotide	
<400> 4 gatccggaaa gtcccctcgg aaagtcccta	30
<210> 5 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> Mutated NFkB Oligonucleotide	
<400> 5 agcttatcta ctttccgagt ctactttccg	3 0
<210> 6 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> Mutated NFkB Oligonucleotide	
<400> 6 gatccggaaa gtagactcgg aaagtagata	30